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**CONSTRUCTION MANAGER'S  
WEEKLY STATUS REPORT  
FOR THE WEEK  
10/01/08 – 10/08/08**

**RECONSTRUCTION OF BENNING ROAD, NE  
FROM 14<sup>TH</sup> AND H STREET TO OKLAHOMA AVENUE  
CONTRACT NO. POKA 2005 - C - 0031 – CB**

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Installation of the 18" PCC Pipe at 18<sup>th</sup> Street.

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Benning Rd Reconstruction  
Project Field Office  
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## EXECUTIVE SUMMARY

### Project Description

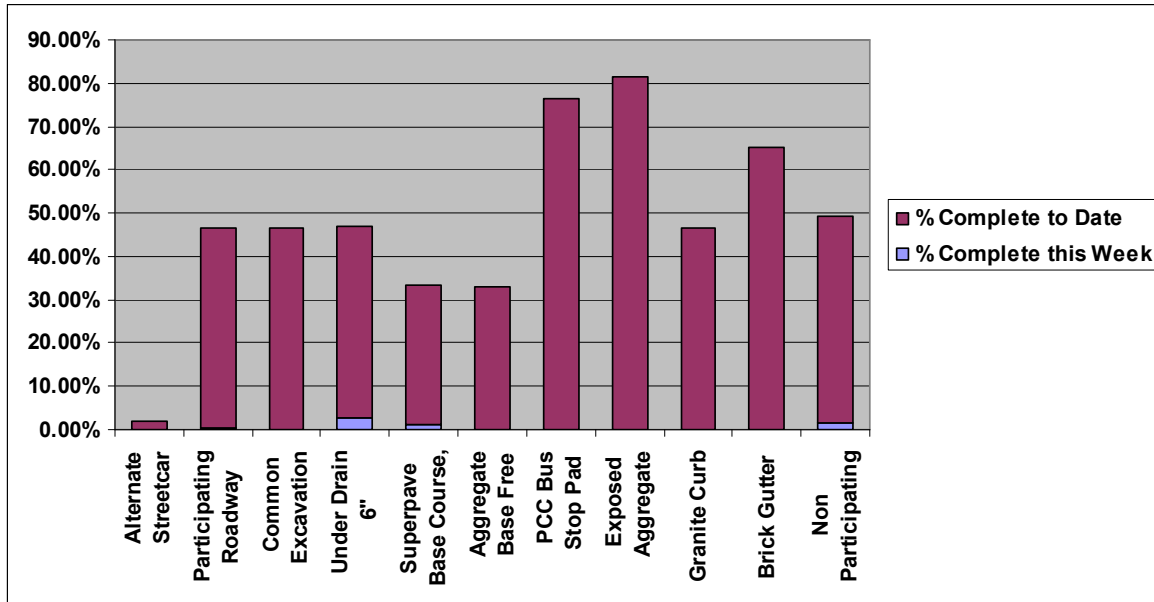
The project involves the phased reconstruction of the eastbound and westbound Benning Road, NE from 14<sup>th</sup> and H Street to Oklahoma Ave. The project also includes portions of Maryland Avenue and Bladensburg Road. Work on the project includes the following:

- Pavement Restoration with the placement of brick gutter and granite curbs adjacent to asphalt over aggregate sub base.
- Sidewalk restoration featuring exposed aggregate sidewalks surface treatment
- Safety Improvements—crosswalks, wheel chair ramps, and driveway entrances
- Streetlight and Traffic Signal Upgrades—Pedestrian level lighting, improved streetlights, upgraded traffic signal and timing
- Drainage Upgrades—New inlet basins, sewer line upgrades
- DCWASA-upgrades to water main lines
- Landscaping upgrades featuring the construction of the Starburst Plaza which will include a historical mural and multiple outdoor attractions for the neighborhood.
- Streetcar tracks: DDOT plans to install tracks from the intersection of Oklahoma Avenue and Benning Road to 3<sup>rd</sup> Street along H Street. Tracks will be installed on the eastbound and westbound lanes.
- Coordination with multiple utility companies performing construction activities within the project limits.

The total value of the contract at award to Capitol Paving of DC, Inc. is \$35,448,123.90. The notice to proceed date was December 12, 2007 with project duration of 730 calendar days for scheduled completion date of December 11, 2009.

## Progress

Percent complete for Alternate Streetcar Work, Participating Roadway and WASA work are shown in the graph below. Participating Roadway is further broken down in the following key activities: Common Excavation, Under Drain 6", 19 mm Asphalt Placement, 25 mm Free Drain Placement. Bus Stop Pads, Exposed Aggregate Sidewalk, Granite Curb and Gutter.



## WORK PERFORMED

For the week ending October 8, 2008, the following specific construction progress has been made in the areas listed:

### 1. Wednesday 10/01:

#### Benning Road:

Placement of the first and second lifts of the 19mm Superpave Asphalt on the south side from 20<sup>th</sup> Street to 21<sup>st</sup> Street. Placement of the 2<sup>nd</sup> lift of the 19mm Superpave Asphalt on the south side from 23<sup>rd</sup> Street to 24<sup>th</sup> Street. Installation of the 12" Ductile Iron Pipe between 19<sup>th</sup> Street and 20<sup>th</sup> Street. Performance of test pitting for sewer Pipe at 18<sup>th</sup> Street. Commencement of construction of Manhole #14 at 18<sup>th</sup> Street. Excavation of the curb lane on the south side from 17<sup>th</sup> Street to 19<sup>th</sup> Street. Performance of test pitting and set-up for pressure testing of watermain "D" in the median at the 1500 Block. Installation of 3-#16 Cast Iron Poles on the north side between 16<sup>th</sup> Street and Maryland Ave. Installation of 4-#16 Cast Iron Poles between 19<sup>th</sup> Street and 21<sup>st</sup> Street. Removal of the wood pole and placement of the L48 on a temporary base at the north east corner of 21<sup>st</sup> Street.

#### Bladensburg Rd/ Morse Street:

Drilled, applied epoxy and set the #8 rebar at the pier foundation. Set formwork for the cap foundation at the pier foundation.

#### H Street:

Backfill of the 4" conduit with RC-6 and placement of Hot Mix asphalt between 14<sup>th</sup> Street and 15<sup>th</sup> Street.

#### PEPCO work:

Continuation of the excavation of the trenching and the shoring of the trench.

### 2. Thursday 10/02:

#### Benning Road:

Excavation for and installation of the 12" Ductile Iron Pipe on the south side between 19<sup>th</sup> Street and 20<sup>th</sup> Street; (115+0 & 115+20+/-). Excavation and test pitting to locate the sewer pipe, to begin the construction of manhole #10 at the intersection of 18<sup>th</sup> Street. Installation of the 18" PCCP between manhole #13 and #14 on the south side between 18<sup>th</sup> Street and 19<sup>th</sup> Street. Installation of the 6" underdrain on the south side between 17<sup>th</sup> Street and 18<sup>th</sup> Street. Continuation of the construction of manhole #14 at the 18<sup>th</sup> Street intersection. Roadway surface repair from 20<sup>th</sup> Street and 21<sup>st</sup> Street. Excavation for and the installation and backfill of the 12" ductile iron pipe in the median at the 1500 block.



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15<sup>th</sup> St:

Conducted a successful pressure test of watermain "A" and "H".

PEPCO work:

Installation of additional 170' of 10 way 5" Fiberglass ductbank for the PEPCO Feederline. Encasement of 50' of ductbank. Excavation of the trench line for the installation of the feederline. Continuation of the excavation of the trenching and the shoring of the trench.

**3. Friday 10/03:**

Benning Road:

Placement of the 25mm free drain base course at the south east corner of 20<sup>th</sup> Street, the south east corner of 21<sup>st</sup> Street, the south west corner of 23<sup>rd</sup> Street, and the south west corner of 24<sup>th</sup> Street. Placement of the 1<sup>st</sup> lift of 19mm Superpave Asphalt at the south west corners of 23<sup>rd</sup> Street and 24<sup>th</sup> Street. Placement of concrete for the floor of manhole #14, the installation of the 18" PCC pipe between man hole #14 and man hole #13 and the installation of the 18" PCC pipe between man hole #14 and man hole #10A on the south side at 18<sup>th</sup> Street. Installation of the 12" ductile Iron pipe on the south side between 19<sup>th</sup> Street and 20<sup>th</sup> Street. Relocation of the light pole to a temporary base on the south side at 18<sup>th</sup> Street. Excavation work for and the installation of the 12" Ductile iron Pipe with bends in the median at the 1500 Block. Backfill and the placement of the temporary Asphalt over the backfilled trench in the median at the 1500 Block.

H Street/ 15<sup>th</sup> Street/ 1500 Block:

Flush out all new installed pipe of the watermain "A" and watermain "H".

Bladensburg Rd/ Maryland Ave/ 15<sup>th</sup> Street:

Installation of the maintenance of traffic elements. Placement of the stop bars.

PEPCO work:

Installation of additional 50' of 10 way 5" Fiberglass ductbank for the PEPCO Feederline. Excavation of the trench line for the installation of the feederline. Work also completed on the encasement of the installed ductbank. Continuation of the excavation of the trenching and the shoring of the trench.

**4. Saturday 10/04:**

No work completed.



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**5. Sunday 10/05:**

No work completed.

**6. Monday 10/06:**

Benning Road:

Continuation of the construction of manhole #13 on the south side and east of 18<sup>th</sup> Street. Prepare formwork, installation of the rebar and the placement of the concrete for the base of Man hole #14 on the south side at the 18<sup>th</sup> Street intersection. Continuation of the construction of manhole #14 on the south side and east of 18<sup>th</sup> Street. Excavation of Roadway at the south west corner of 20<sup>th</sup> Street. Excavation for and the installation of the 12" ductile iron pipe on the south side between 18<sup>th</sup> Street and 19<sup>th</sup> Street. Excavation for and the installation of the 12" ductile iron pipe in the 1500 block median. Borrow trench backfill work on watermain "A".

H Street and 15<sup>th</sup> Street:

Flushing of the piping of watermain "A" and watermain "H".

PEPCO work:

Work on the excavation of the trenching, hand digging around utilities and the installation of the shoring of the trench. Encasement of the 10 way 5" fiberglass feederline.

**7. Tuesday 10/07:**

Benning Road:

Completion of the construction for man hole #13 on the south side east of 18<sup>th</sup> Street; Setting of brick, frame and cover. Preparation of formwork and installation of rebar for manhole #10. Installation of the 18" PCC Pipe between manhole #9 and #10 on the south side at 18<sup>th</sup> Street. Installation of the track drain #16 on the south side at 20<sup>th</sup> Street. Installation of the 6" underdrain pipe on the south side at 20<sup>th</sup> Street. Excavation of trenches for L#33, L#35 and L#37 on the south side between 19<sup>th</sup> Street and 20<sup>th</sup> Street. Excavation for and the installation of the 12" DUCTILE Iron pipe and the placement of the borrow trench backfill at watermain "A" in the median of the 1500 Block. Placement of the temporary asphalt to slope the roadway at the manholes on the south side at the 1600 Block.

Bladensburg Rd/ Morse Street @ Intersection:

Excavation work for the installation of Watermain "D".

H Street and 15<sup>th</sup> Street:

Flushing of the piping of watermain "A" and watermain "H".





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PEPCO work:

Installation of additional 235' of 10 way 5" Fiberglass ductbank for the PEPCO Feederline. Excavation of the trench line for the installation of the feederline. Work also completed on the encasement of the installed ductbank. Continuation of the excavation of the trenching and the shoring of the trench.

**8. Wednesday 10/08:**

Benning Road:

Placement of the concrete for the cast in place walls of the top for man hole #10 at the intersection of 18<sup>th</sup> Street. Placement of concrete for the encasement of pipe connecting manhole #10 at the intersection of 18<sup>th</sup> Street. Placement of concrete for the cast in place top at the track drain #16 at the intersection of 20<sup>th</sup> Street. Installation of the PCCP on the south side between 17<sup>th</sup> Street and 18<sup>th</sup> Street from manhole #9 to manhole #10. Installation of the 12" ductile iron pipe on the south side between 18<sup>th</sup> Street and 19<sup>th</sup> Street. Backfill of Manhole #13 and Manhole #14 at the intersection of 18<sup>th</sup> Street. Placement of temporary asphalt in the median of the 1500 Block.

H Street and 15<sup>th</sup> Street:

Water samples from the newly installed watermain taken by WASA for the testing of water quality and pollutants.

Bladensburg Rd/ Morse Street @ Intersection:

Excavation work for the installation of Watermain "D".

Bladensburg Rd/ H Street:

Repair work performed on the erosion/ sediment controls. General cleanup of the site performed.

## Utilities Reconstruction Update 10-8-08

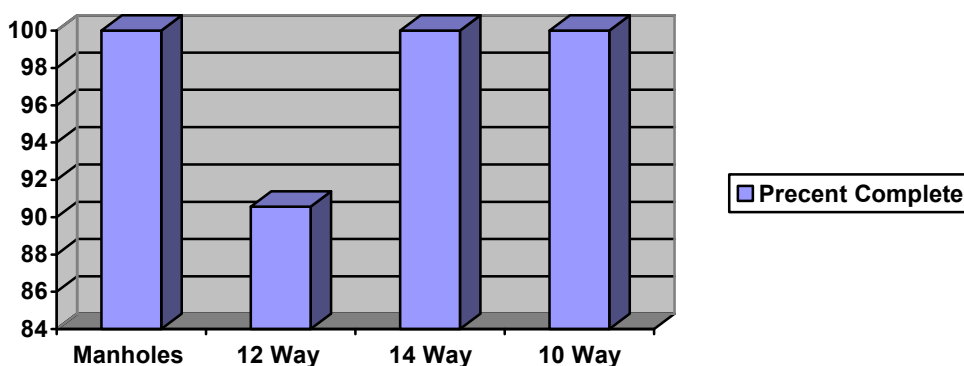
### PEPCO:

#### Distribution Line Duct Bank Construction:

Manholes Completed:	20	Total Manholes: 20	%Complete: 100%
12 Way Length Complete:	7031'	Total Length: 7764'	%Complete: 90.56%
14 Way Length Complete:	1619'	Total Length: 1619'	%Complete: 100%
10 Way Length Complete:	34'	Total Length: 34'	%Complete: 100%

Note: Over 45 days behind schedule. Schedule overrun is impacting critical intersection completion at 19<sup>th</sup> Street.

- 180 feet additional 12 Way has been reported to be complete this week.
- Work on the Starburst Area distribution line construction, between 14<sup>th</sup> Street and 16<sup>th</sup> Street, has yet to be started. Percent complete for this work is 0%. The projected start date is February 2009 and the completion is projected to be in November 2009. The design development for this work is to be completed between September 2008 and January 2009. Condensation of the design phase schedule is recommended due to the fact that this delayed start of work will continue to impact the production of the Capitol Paving work for the project.

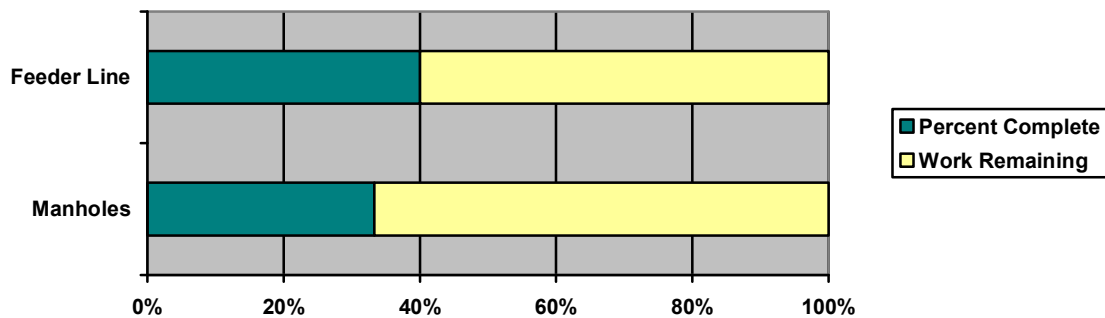




PEPCO Feeder Line Replacement:

4000' total feeder	1600 feet complete	40.0% complete
6 Manholes total	2 completed	33.3% complete

Work has started on 9/11/08. Initial saw cutting of the roadway was completed on 9/10/08. Expected duration is 180 days.



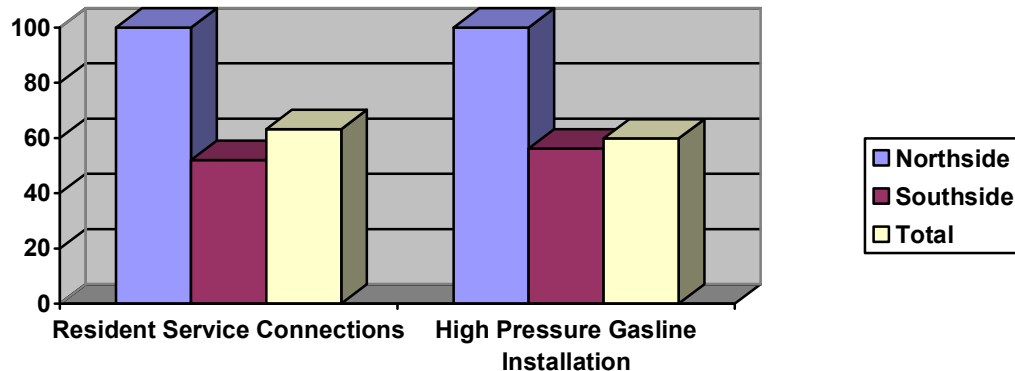
- 460 feet of feeder line was installed within this weekly report period

The delay in the start of this work has impacted the production of Capitol Paving work. Production from Capitol Paving has been reduced by 66% on a weekly basis.

### Washington Gas:

No progress by Washington Gas made during this report period. The schedule for the Resident Service Connections and High Pressure gas line installation is on track.

**Graph: Percent of Work Completed**



### Northside:

Completed Connections:	43	Total Connections	43	%Complete:	100%
Gas Main install complete:	1290'	Total Length	1290'	%Complete:	100%

Work completed this week: 11 Connections completed  
400' of Gas Main installed

### Southside:

Completed Connections:	23	Total Connections	44	%Complete:	52%
Gas Main install complete:	1870'	Total Length	3325'	%Complete:	56.2%

### Project Totals:

Completed Connections:	66	Total Connections	87	%Complete:	75.9%
Gas Main install complete:	3160'	Total Length	4615'	%Complete:	68.5%

### Clear Channel:

Four bus stops requiring electrical connections have been completed.

An additional bus stop shelter was installed at 19<sup>th</sup> Street. Electrical connections for this shelter are pending.



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**Attachment A:**

**RECONSTRUCTION OF BENNING ROAD N.E.  
TWO WEEK LOOK AHEAD SCHEDULE  
STARTING 10-6-08 TO 10-20-08**

**Bladensburg Rd. & Morse St**

- **10-6-08 Continue Watermain D & I (10 days)**

**15<sup>th</sup> & Benning S/S**

- **10-6-08 Continue with Watermain A (10 days)**

**20<sup>th</sup> & Benning Rd. S/S**

- **10-6-08 Continue with Watermain A (10days)**
- **10-6-08 Continue installation of underdrain system (3 days)**

**18<sup>th</sup> & Benning Rd. S/S**

- **10-6-08 Begin construction of MH13 (4 days)**
- **10-6-08 Continue to lay pipe between MH10 & MH7 (10 days)**
- **10-7-08 Build CB11A (2 days)**
- **10-8-08 Build CB14 (2 days)**
- **10-8-08 Build MH9 (4 days)**

**21<sup>st</sup> & Benning Rd. SWC**

- **10-6-08 Begin roadway excavation (4 days)**
- **10-7-08 Install track drain pipe (2 days)**

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#### **Nationwide Electrical Work**

- **10-6-08 Begin laying conduit for streetlights between 20<sup>th</sup> & 17<sup>th</sup> St. (10 days)**

#### **Maintenance of Traffic Work**

- **10-8-08 Install Phase 1 rev 2 MOT (1 day)**

**Attachment B: Progress Photos of Work Performed this Week**



Installation of the 12" ductile iron pipe on the south side between 18<sup>th</sup> Street and 19<sup>th</sup> Street.



Placement of the first lift of the 19mm Superpave Asphalt on the south side from 20<sup>th</sup> Street to 21<sup>st</sup> Street.





Placement of the 2<sup>nd</sup> lift of the 19mm Superpave Asphalt on the south side of Benning. Completed Cobblestone sidewalk, granite curb and brick gutter.



Placement of the second lift of the 19mm Superpave Asphalt at 20<sup>th</sup> Street.



Excavation of the curb lane on the south side from 17<sup>th</sup> Street to 19<sup>th</sup> Street.



Construction of Manhole #14 brickwork on the south side and east of 18<sup>th</sup> Street.